

SOUTHEAST-MIDWEST HOUSEWRITE: PACKET 3

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NOTE: THESE TOSSUPS AND BONUSSES ARE PAIRED. IF THE TOSSUP GOES DEAD, SKIP THE ASSOCIATED BONUS. DO NOT GO BACK AND READ ANY BONUSSES THAT ARE SKIPPED.

1. This author wrote that "If I were the Head of the Church or the State, / I'd powder my nose and just tell them to wait" in "Calypso." A poem by this author describes the "enlightenment driven away" and "habit-forming pain" while someone repeats the vow "I will be true to the wife, / I'll concentrate more on my work." The speaker of that poem by this author is "Beleaguered by the same / Negation and despair" and says he is composed (*) "Of Eros and of dust." This author wrote of a man who "served the Greater Community" and worked for "Fudge Motors Inc" and wonders "Was he free? Was he happy?" "Exiled Thucydides" is mentioned in a poem in which this author sits "in one of the dives / On Fifty-second Street." For 10 points, name this poet of "The Unknown Citizen" and "September 1, 1939."

ANSWER: Wystan Hugh **Auden**

<Lei, Poetry> [Edited]

1. Jean Piaget's theory of cognitive development claims that people of this type are in the sensorimotor stage, in which knowledge is primarily gained through the senses. For 10 points each:

[E] Name this type of person. A person of this type was conditioned to fear furry objects by John Watson in the Little Albert experiment.

ANSWER: **infants** [or **babies**; prompt on children or equivalents like kids or toddlers]

[M] John Bowlby's theory of child development revolves around these relationships. According to the theory, infants seek proximity to older figures in order to form this type of relationship, leading to normal development.

ANSWER: **attachments** [accept **attachment** theory]

[H] Four attachment types like "secure" and "anxious-avoidant" were identified in this procedure's initial experiment. In this procedure, a parent talks with an unknown person and leaves the room while their infant's reactions are monitored.

ANSWER: **strange situation** experiment [or **strange situation** procedure]

<Ashbrook, Psychology> [Edited]

2. Thinkers from this institution theorized that an "indefinite Dyad ("DIE-add")" is the sole source of multiplicity from a figure known as "the One." A thinker from this institution wrote a text that tries to compare the mind to a birdcage and knowledge to birds; that text partly inspired the thoughts of this institution's "New" era. A branch of skepticism named for this institution is contrasted with Pyrrhonian ("pih-ROE-nee-en") skepticism. One thinker from this institution theorized that learning is simply (*) uncovering innate knowledge from a past existence. A phrase translating to "Let none but geometers enter here" was inscribed at the entrance of this institution.. The Lyceum ("lye-KEE-um") was formed in response to the teachings of this institution. For 10 points, name this school at which Plato taught.

ANSWER: the **Academy** [or the **Platonic Academy**; accept the **New Academy**; accept the **academia**; do NOT accept or prompt on the "School of Athens"]

<Bowman, Philosophy> [Ed. Ashbrook]

2. This standard states "And now the purple dusk of twilight time / Steals across the meadows of my heart" in its opening lyrics. For 10 points each:

[H] Name this 1927 standard composed by Hoagy Carmichael. Louis Armstrong's most famous rendition of this standard repeats the line "Oh, memory" before a soulful trumpet solo.

ANSWER: "**Stardust**"

[E] This singer performed "Stardust" on her album *Songs for a Mellow Mood*. This "First Lady of Jazz" made a recording of "A-Tisket, A-Tasket" with the Chick Webb orchestra.

ANSWER: Ella **Fitzgerald**

[M] This guitarist covered "Stardust" with his frequent collaborator, saxophonist Coleman Hawkins. This guitarist founded the Quintette du Hot Club de France with Stephane Grapelli and pioneered the *jazz manouche* style.

ANSWER: Django **Reinhardt** [or **Django**]

<Bowman, Jazz> [Edited]

3. Due to raids from the locals, Roman merchants operating in this body of water abandoned Didoros Island in favor of Oreine ("oh-RAY-in-ee"). Many Roman merchants lived in the port of Adulis on this body of water, which was under the control of a kingdom ruled by Zoskales. The kingdoms of Saba' and Himyar exported (*) frankincense and myrrh ("murr") to the Roman Empire through this sea, whose western coastline was also home to the kingdom of Axum. One kingdom whose eastern coastline was on this sea was ruled by Hatshepsut, who sent a trading expedition to Punt via this sea. For 10 points, the eastern coast of Egypt is located on what sea that separates the Arabian peninsula from Africa?

ANSWER: **Red** Sea [accept **Erythrean** Sea; accept **Sea** of **Reeds**; accept **Yam Suf**; prompt on **Indian Ocean**]

<Prabhakar, Other History> [Edited]

3. Many plays in this art form, such as Atsumori, were inspired by stories from *The Tale of the Heike*. For 10 points each:

[M] Name this oldest currently practiced form of Japanese theatre. Plays in this genre are usually performed five at a time with three comedic kyogen plays in between.

ANSWER: **Noh** [or **Nogaku**]

[H] Along with Kan'ami, this Japanese writer is considered the father of Noh theatre. This writer's treatise "The Transmission of the Flower Through the Forms" is the first dedicated to Japanese drama.

ANSWER: **Zeami** Motokiyo [or **Kanze** Motokiyo; prompt on **Motokiyo**]

[E] A prominent feature of Noh drama is the use of these objects meant to codify facial features used at certain moments of plays. A common symbol of theatre is a ribbon with two of these objects, one smiling and one frowning.

ANSWER: **masks** [accept **no-men** or **omote**]

<Ashbrook, Drama> [Edited]

4. A chapter in this book describes how radiation has taken on a shift of meaning from the harmless effects of the Sun to the deadly atomic powers of mankind. This book's last chapter contains a quote likening science to a river that is "broadened by... generalizations" and implores the reader to take the "road less traveled by" instead of the "smooth superhighway." This book's first chapter describes a quiet town hit with a "strange blight" caused by a "white granular powder," and is titled (*) "A Fable for Tomorrow." The pamphlet *A Desolate Year* was published by the Monsanto corporation against this book, which explores the effects of biomagnification and coined the term "biocide." For 10 points, name this environmentalist book outlining the dangers of DDT by Rachel Carson.

ANSWER: **Silent Spring**

<Valan, Other> [Ed. Ashbrook]

4. Answer the following about the Briggs–Rauscher reaction, for 10 points each.

[E] The Briggs–Rauscher reaction is an oscillating reaction important to a branch of thermodynamics that deals with systems that are not in this state. In this state, there is no net transfer of energy.

ANSWER: thermodynamic **equilibrium**

[M] The Briggs–Rauscher reaction is driven by changes in the concentration of this anion. The potassium salt of this anion is commonly used to detect starch.

ANSWER: **iodide** [accept **I⁻** (“I minus”)]; do NOT accept or prompt on “iodine” or “I”]

[H] To clean up the Briggs–Rauscher reaction, a compound consisting of sodium and this anion is added to the iodine solution. This compound is used as a reducing agent in iodometric titration and has formula $S_2O_3^{2-}$.

ANSWER: **thiosulfate**

<Karthik, Chemistry> [Ed. Lei]

5. One of these devices is split across two circuits in a flyback converter. The current lags behind the voltage by 90 degrees in phasor diagrams for these devices. The impedance in these devices is proportional to frequency, meaning that high-frequency signals cannot pass through them. Devices of this type that block AC but allow DC to pass through are called (*) chokes. The voltage across one of these devices has a linear relationship with the time derivative of current. Transformers are composed of two or more of these devices around a metal ring. These devices are found in RLC circuits along with resistors and capacitors. For 10 points, name these circuit components that store energy in a magnetic field, often using wire coiled around a core.

ANSWER: **inductors** [prompt on **transformers** before mentioned]

<Bowman, Physics> [Edited]

5. A. J. P. Taylor proposed the “Railway Thesis” to explain the start of this war. For 10 points each:

[M] Name this war. Taylor’s “Railway Thesis” claims that mobilization at the start of this war led to inevitable invasions instead of acting as a deterrent, while the Fischer thesis places much of the blame for this war on one country.

ANSWER: **World War I** [accept **WWI**, the **First World War** or **Great War**]

[H] This African-American historian wrote “An Essay Toward The History of the Black Man In The Great War,” where he criticized America’s treatment of Black soldiers.

ANSWER: W.E.B. **Du Bois** (“dew BOYZ”) [or William Edward Burghardt **Du Bois**]

[E] Historian Mustafa Aksakal has written about the multiethnic nature of this empire and its military during World War I. The now-rejected Ghaza Thesis claimed this empire used *jihad* to expand and overtake the Byzantines.

ANSWER: **Ottoman** Empire

<Prabhakar, Other History> [Edited]

6. A purple one of these objects appears on the ground between a pelvis and machinery in Frida Kahlo’s *Henry Ford Hospital*. In a 1935 painting, a white and yellow one of these things adorns a floating object against brown hills and a cloudy sky. A man on all fours uses a yellow ribbon to strap a heavy basket of these objects to his back in a Diego Rivera painting showing a (*) *Carrier* of these objects. The interpretation of paintings of these objects like *Red Canna* as stand-ins for female genitalia was rejected by an artist who created hundreds of paintings of these objects and animal skulls at her New Mexico studio. For 10 points, identify these colorful plant parts painted by Georgia O’Keeffe in works like *Black Iris* and *Red Poppy*.

ANSWER: **flowers** [accept oriental **flowers**; accept **lilies**; accept **orchids**; accept oriental **poppies** before mention]

<Lin, Painting & Sculpture> [Ed. Strombeck]

6. These protests began after a shooting in front of the Wetland Hotel after which the victim's Lexus was stolen. For 10 points each:

[H] Name these protests seeking to disband a unit formed in 1992 by Simeon Midenda. These protests have continued even after the disbandment of that unit and its replacement by the Special Weapons and Tactics unit.

ANSWER: **End SARS** [or **#ENDSARS**; accept answers indicating protests to **end** the **Special Anti-Robbery Squad** or general **anti-SARS** protests; prompt on **SARS** or **Special Anti-Robbery Squad** alone]

[E] The End SARS protests erupted in 2020 in this oil-rich west African country. The Bring Back Our Girls protests took place in this country after Boko Haram kidnapped 276 girls during Goodluck Jonathan's presidency.

ANSWER: Federal Republic of **Nigeria**

[M] Protestors have called for the resignation of this current Nigerian president, who defeated Goodluck Jonathan in the 2015 elections. This retired Major General has been criticized for ignoring the massacre of protestors in Lekki.

ANSWER: Muhammadu **Buhari**

<Prabhakar, Current Events> [Ed. Nageswaran]

7. One rebellion against this monarch was partially instigated by his passage of the Statute of Uses. Silken Thomas unsuccessfully attacked Dublin Castle during the Kildare Rebellion against this monarch. A banner with the "Five Wounds of Christ" was used in a rebellion against this monarch. Francis Bigod led a failed rebellion against this monarch after he crushed another uprising led by Robert (*) Aske. The Pilgrimage of Grace emerged against this monarch in response to the dissolution of monasteries spearheaded by this monarch's minister Thomas Cromwell. That policy was implemented after this monarch established the Church of England to annul his marriage to Catherine of Aragon. For 10 points, name this Tudor monarch famous for his six wives.

ANSWER: **Henry VIII** [prompt on **Henry Tudor**]

<Sareddy/Prabhakar, British/European History> [Ed. Prabhakar]

7. Answer the following about Bell Labs' electronic inventions in the 20th century, for 10 points each.

[E] This type of device was invented by Bell Labs scientists John Bardeen, William Shockley, and Walter Brattain in 1947. These devices are used in integrated circuits and microchips to amplify and switch signals.

ANSWER: **transistor**

[M] Bell Labs scientists Mohamed Atalla and Dawon Kahng invented these transistors in 1959. These transistors use an oxide layer to insulate the semiconductor layer on their gate.

ANSWER: **MOSFETs** [or **metal-oxide-semiconductor field-effect transistors**; prompt on **field-effect transistors** or **FETs**]

[H] These electronic devices, which were developed at Bell Labs, are used in imaging to detect light through the charging of MOS capacitors that represent each pixel.

ANSWER: **charge-coupled device** [or **CCD**]

<Valan, Physics> [Ed. Bowman]

8. This sect teaches that its members are a "Great Crowd of Other Sheep" that resides on Earth as opposed to the "Great Crowd" in heaven. This sect believes that the cross is a pagan symbol, thus Jesus was instead killed on an upright pole. According to this sect, God's Kingdom is an actual government in heaven occupied by only (*) 144,000 Christians. Instead of excommunication, this sect practices "disfellowshipping." This sect began as an offshoot of the Bible Student movement of Charles Taze Russell, who also founded this sect's magazine *The Watchtower*. For 10 points, name this Christian sect whose members aren't allowed to accept blood transfusions and are known for door-to-door preaching.

ANSWER: **Jehovah's Witnesses**

<Ashbrook, Religion> [Edited]

8. In one painting, Jupiter and Juno appear sitting in the clouds as a man admires a portrait of this woman presented by Cupid. For 10 points each:

[H] Name this queen, who is shown escaping confinement in *The Flight from Blois* and walking off of a ship in *The Disembarkation at Marseilles*. Those artworks originally decorated the Luxembourg Palace.

ANSWER: **Marie de' Medici** [or **Marie de Médicis**; or **Maria de' Medici**; prompt on partial answer]

[E] This Flemish artist painted the Marie de' Medici Cycle. The bottom of *The Disembarkation at Marseilles* shows three voluptuous nudes, a common feature of this man's artworks.

ANSWER: Peter Paul **Rubens**

[M] Rubens' most famous pupil and frequent collaborator was this other Flemish artist. This artist served as the court painter for Charles I, whom he depicted in several equestrian portraits.

ANSWER: Anthony **van Dyck** ("ANN-toh-nee van DIKE")

<Dantzer, Painting & Sculpture> [Edited]

9. One of these compounds is formed from IPyA by the action of YUCCA flavin monooxygenases. Morphactin ("morph-actin") and naphthylphthalamic ("naff-thil-thalamic") acid inhibit transport of these compounds by PGP efflux carriers. These compounds de-repress ARF transcription factors by binding to a TIR1/AFB complex. Synthetic forms of these compounds can be found in rooting powder. Uneven distribution of these compounds in the hypocotyl is caused by (*) PIN-regulated polar transport. The 2,4-D variety of these compounds was used in Agent Orange, and the most common of these hormones is indole-3-acetic acid or IAA. These were the first plant hormones discovered. For 10 points, name these plant hormones that cause cell elongation and play an essential role in regulating tropisms.

ANSWER: **auxins** [prompt on **IAA** or **indole-3-acetic acid**; prompt on **plant hormones**]

<Valan, Biology> [Ed. Lei]

9. Joseph McLellan wrote a poem about this author's ashes, which were properly buried with the epitaph "Pardon My Dust" in August 2020 despite this author dying in 1971. For 10 points each:

[H] Name this woman who co-wrote the screenplay for 1937's *A Star Is Born*. This author lists "idleness, sorrow, a friend and a foe" as four things she was "wiser to know" in her poem "Inventory."

ANSWER: Dorothy **Parker** [or Dorothy **Rothschild**]

[E] Parker originally left her estate to this Civil Rights activist before it was inherited by the NAACP. This activist exclaimed "we must take the pledge that we shall always march ahead" in his "I Have a Dream" speech.

ANSWER: Martin Luther **King, Jr.** [or **MLK Jr.**]

[M] Parker named this friend of hers the executrix of her estate, but she was stripped of the title after throwing out all of Parker's effects. Mary Tilford accuses two of her teachers of being lesbian in this author's play *The Children's Hour*.

ANSWER: Lillian Florence **Hellman**

<Ashbrook, Short Fiction/Other> [Ed. Leahy]

10. One character in this story recounts a woman about "four feet five inches" in a "lilac-colored suit" riding horseback. In this story, a character asks "Whatever can I do? Whatever can I..." while recalling how she tried to stab herself in the throat and drown herself in a pond. In this story, a character recalls a man who lasted 23 strokes in a sword fight with him. This story begins with narration from a (*) woodcutter, and ends with a ghost medium. In this story, a man pretending to be a traveling companion lures a couple into the mountains and ties the husband to a cedar tree. In this story, Masago cuts a rope and runs into the forest after she is raped by the bandit Tajomaru. For 10 points, name this story detailing different accounts of a samurai's murder in the title location, by Ryunosuke Akutagawa.

ANSWER: "**In a Grove**" [or "**Yabu no Naka**"]

<Kala, Short Fiction/Other> [Ed. Leahy]

10. This region was famous for porcelain made in its royal factory at Meissen (“MICE-in”). For 10 points each:
[M] Name this region ruled by the von Wettin dynasty which was an electorate of the Holy Roman Empire. The ruler who established the Meissen factory in this region also built the Zwinger Palace in its capital of Dresden.

ANSWER: Electorate of **Saxony** [accept **Sachsen**; do NOT accept or prompt on “Lower Saxony” or “Saxony-Anhalt”]

[H] This elector of Saxony established the Meissen porcelain factory after sponsoring the experiments of Johann Friedrich Böttger (“BUTT-ger”). This ruler briefly lost another title to Stanisław Leszczyński (“lesh-CHIN-skee”) in the Treaty of Altranstädt (“AHL-tronsh-tot”).

ANSWER: **Augustus the Strong** [accept **Augustus II** of Poland; accept **Frederick Augustus I** of Saxony or **Friederich August I** of Saxony; prompt on **Augustus** or **Frederick Augustus** or **Friederich August**]

[E] Augustus the Strong briefly lost the Polish throne during the Great Northern War, during which he allied with this Russian ruler. Inspired by his “Grand Embassy,” this ruler imposed Westernizing reforms such as a beard tax.

ANSWER: **Peter the Great** [accept **Peter I**; prompt on **Peter**]

<Karthik, British/European History> [Ed. Prabhakar]

11. A triumphal *Allegro* section of this piece begins with low instruments repeating the five-note phrase "A-flat, B-flat, C, A-flat, down to E flat" in 4/4 time, causing metric ambiguity. A crescendoing brass chord whose top note, C-sharp, resolves down to a B-sharp opens this piece. This piece originally depicted an “Awakening” as the final movement of its composer's (*) *Press Celebration Music*. A solemn A-flat major melody from this piece was used for the hymn “Be Still My Soul” and another one with words by Veikko Koskenniemi. To avoid Russian censorship, this piece was performed under fake names like *Impromptu* and *Scandinavian Choral March*. For 10 points, name this nationalist tone poem depicting the home country of its composer, Jean Sibelius.

ANSWER: ***Finlandia***, Op. 26

<Strombeck, Classical Music> [Edited]

11. This philosopher compared his first book to a ladder that can be used to “see the world rightly” and afterwards must be tossed away. For 10 points each:

[E] Name this philosopher whose book *Philosophical Investigations* set out to expose fallacies in traditional logic and language theories, thus moving beyond his previous book *Tractatus Logico-Philosophicus*.

ANSWER: Ludwig Josef Johann **Wittgenstein**

[M] *Philosophical Investigations* claims that these constructs cannot exist. Wittgenstein uses the example of two people both calling different insects “beetles” in two different boxes to argue against the existence of these constructs.

ANSWER: **private languages** [do NOT accept or prompt on “languages”]

[H] A paradox introduced in *Philosophical Investigations* holds that “No course of action can be determined by” one of these things. Saul Kripke’s reading of Wittgenstein is titled for *Wittgenstein on [these things] and Private Languages*.

ANSWER: **rules** [accept the **rule**-following paradox; accept *Wittgenstein on **Rules** and Private Languages*]

<Ashbrook, Philosophy> [Edited]

12. One novel by this author ends with the title woman saying the name of Ambrose Ashley after falling while trying to walk on a bridge unable to support weight. In another novel by this author, Jem Merlyn rescues the protagonist from an evil vicar who leads a gang of murderous “wreckers.” This author of *My Cousin Rachel* wrote a novel in which a (*) shipwreck is discovered after a ball at which the narrator accidentally wears the same dress as her husband’s previous wife. This author of *Jamaica Inn* wrote a novel whose title character is shot and drowned by the narrator’s husband Maxim de Winter. “Last night I dreamed I went to Manderley again.” opens, for 10 points, what author’s *Rebecca*?

ANSWER: Daphne **du Maurier** [or Dame Daphne **du Maurier**, Lady Browning]

<Ashbrook, Long Fiction> [Edited]

12. Members of this ethnic group were targeted in the Bellingham riots of 1907. For 10 points each:

[E] Name this ethnic group. Most of the members of this ethnic group who immigrated to the United States in the early 20th century were of the Sikh faith, though some were also Hindu and Muslim.

ANSWER: **Indian**-Americans [accept **Punjabi**-Americans; prompt on **Asian**-Americans]

[H] Indian-Americans were also driven out of the St. Johns neighborhood in this state’s largest city. This state had several “Black exclusion” laws prohibiting African-Americans from settling in it until the last was repealed in 1926.

ANSWER: **Oregon**

[M] In *Making Ethnic Choices*, Karen Leonard observed how anti-miscegenation laws led to Punjabi men marrying women of this ethnicity. A counterculture movement popularized the zoot suit among men of this ethnicity.

ANSWER: **Mexican**-Americans [accept **Chicano**; accept **Chicana**; prompt on **Latino**, **Latina**, **Latinx**, **Latine**, **Latin**-American, or **Hispanic**]

<Prabhakar, American History> [Ed. Nageswaran]

13. Split-complex numbers generate these figures instead of circles because the square of their j unit is equal to positive 1. A space named after these figures is projected onto a disk by the Poincare model and can then be tessellated by triangles and heptagons. The quadric surfaces formed by rotating these figures can consist of either (*) one or two sheets. In the geometry named after these figures, the inner angles of a triangle sum to less than 180 degrees. On these figures, the *difference* between a point’s distances to the two foci is always constant. These figures have an eccentricity greater than one and are exemplified by the equation “ y equals 1 over x .” For 10 points, name these conic sections that consist of two non-connected curves.

ANSWER: **hyperbolas** [accept **hyperbolic** geometry or **hyperbolic** space or **hyperboloids**]

<Bowman, Math> [Edited]

13. Avatars play a major role in many Hindu myths. For 10 points each:

[H] Shiva took the avatar of Sharabha, a part-lion and part-bird creature, to pacify this fourth avatar of Vishnu who killed the demon king Hiranyakashipu (“HEE-rah-n-yakh-SHEE-poo”) and is half-lion and half-man.

ANSWER: **Narasimha**

[M] Vishnu’s wife Lakshmi has also taken many avatars, including Sita, the wife of Rama. Following her rescue by Rama, Sita performs this action to prove her purity. A description is acceptable.

ANSWER: **trial by fire** [accept **Agni Pariksha**; accept **ordeal by fire** or **test by fire** or any answer indicating walking into a **fire** or **pyre**; do NOT accept or prompt on “sati”]

[E] Hindus from the Sindh region worship Jhulelal, an avatar of Varuna who is a god of this domain. In Greek mythology, the god of this domain is Poseidon.

ANSWER: the **sea** [accept the **ocean**; prompt on the **water**]

<Prabhakar, Myth> [Ed. Groger]

14. This architect's theory of "Architectural Polychromy" inspired his two color palette collections for the paint company Salubra. An open-floor plan this architect used for several early designs is called his "Dom-ino House." This architect's design of an art gallery for Raoul la Roche included works from a movement he founded with Amédée Ozenfant, Purism. This architect feuded with (*) Oscar Niemeyer as they collaborated on the United Nations Headquarters. This architect exclaimed "We must kill the street!" in a manifesto laying out the "five points" of his architectural ideology. A country retreat raised up on pilotis was designed by this author of the book *Towards a New Architecture*. For 10 points, name this Swiss-French architect who designed the Villa Savoye.

ANSWER: **Le Corbusier** [or Charles-Edouard **Jeanerret**]

<Bowman, Architecture> [Ed. Strombeck]

14. Answer the following about discoveries made by NASA's Wide-field Infrared Survey Explorer mission, or WISE, for 10 points each.

[E] WISE may be best known for discovering NEOWISE, one of these objects that was visible to the naked eye in July 2020. One of these periodic, icy objects is named for Edmond Halley and visits Earth every 76 years.

ANSWER: **comets**

[M] In 2017, WISE discovered the first one of these co-orbital objects relative to Earth. Thousands of these objects occupy "camps" in the L4 and L5 Lagrange points of the Jupiter-Sun system.

ANSWER: **trojans** [accept **trojan** asteroids; prompt on **asteroids**]

[H] WISE discovered Luhman 16, a binary set of these astronomical objects that are the closest of their kind to Earth. The presence of lithium and methane are two tests for classifying these objects.

ANSWER: **brown dwarfs** [do NOT accept or prompt on "dwarf" or "dwarf star" since those are different]

<Strombeck, Astronomy> [Edited]

15. One princess on this island committed suicide after her family was slain during the Battle of Bubat. A different kingdom centered on this island had its history recounted in the *Pararaton*. One temple complex was built on this most populous island ruled by the Sailendra Dynasty. After orchestrating the killing of the Sundanese royal family, (*) Gajah Mada was stripped of his position as prime minister of an empire based on this island by Hayam Wuruk. That empire based on this island emerged after a failed invasion by Kublai Khan. The Majapahit Empire was centered on this island, on which the Buddhist temple of Borobudur was built. For 10 points, name this most populous island of Indonesia.

ANSWER: **Java** [or **Jawa**]

<Karthik, World History> [Ed. Prabhakar]

15. In a monologue, a character in this location recalls telling his crew "Consider your origins: you were not made to live as brutes" before they sail out of the Mediterranean through the pillars of Hercules. For 10 points each:

[M] Name this circle of Hell for fraudsters that features many broken bridges and is protected by demons known as the Malebranche. The friar Guido da Montefeltro is stopped from ascending to heaven by a black cherub in this location.

ANSWER: **Malebolge** [or the **eighth** circle]

[H] This character, a counsellor of fraud who speaks to the narrator from within a flame, is encountered in Malebolge. He describes seeing the mountain of Purgatory before divine winds sink his ship and kill him.

ANSWER: **Ulysses** [or **Odysseus**]

[E] The circles of hell appear in this first part of *The Divine Comedy*, whose author is guided through hell by Virgil.

ANSWER: **Inferno**

<Strombeck, Long Fiction> [Ed. Leahy]

16. The black-billed amazon is a parrot native to the northwestern portion of this island, which is marked by several star-shaped hollows. A series of dome-shaped cataracts emptying into the sea known as Dunn's River Falls have contributed to the tourism-based economy of this island's town of Ocho Rios. This island's largest natural harbor is protected by the (*) Palisadoes Sand Bar. This island's remote northwestern frontier, known as Cockpit Country, is home to villages inhabited by this country's Maroons. This island is home to numerous resorts like Negril and Montego Bay. Jerk cuisine is popular in, for 10 points, what Caribbean island country whose capital is Kingston?

ANSWER: **Jamaica**

<Sareddy, Geography> [Ed. Prabhakar]

16. This composer adapted his Stravinsky-esque ballet *Ala and Lolly* into his *Scythian Suite*. For 10 points each:
[E] Name this early Soviet composer who used instruments to represent different characters of a fairy tale for children in his piece *Peter and the Wolf*.

ANSWER: Sergei **Prokofiev**

[M] This Prokofiev suite includes a depiction of a night time sleigh ride in its fourth movement "Troika." Its final movement plays its sad "Romance" theme and happy march from the title character's wedding simultaneously.

ANSWER: **Lieutenant Kijé Suite** [or **Poruchik Kizhe**]

[H] The marcato second theme of *Lieutenant Kijé's* "Romance" is introduced by one of these instruments. Sigurd Raschèr premiered Alexander Glazunov's 1934 concerto for this wind instrument.

ANSWER: **saxophone** [accept tenor **saxophone** or alto **saxophone**]

<Dantzer, Classical Music> [Ed. Strombeck]

17. In one of these reactions, butyllithium ("butyl-lithium") catalyzes the production of molecules like SBS. The majority of industrially produced caprolactam ("CAP-ro-lactam") is subsequently used in one of these reactions. Benzoyl peroxide can be used in a type of these reactions that may end with a disproportionation. Titanium chloride can be used in the (*) isotactic type of this reaction, contrasted with syndiotactic and atactic types. When these reactions are performed on alpha-olefins, Ziegler-Natta catalysts are used. Free-radical initiators can be used to begin these reactions. These reactions, which are classified as step growth or chain growth, are used to produce PVC and nylon. For 10 points, name these reactions which link together monomers.

ANSWER: **polymerization** [accept specific types of **polymerization**; accept answers like making **polymers**]

<Karthik, Chemistry> [Ed. Lei]

17. This poet told the Moon, "our hands have touched you in the depth of night" in a poem commissioned by the New York Times that was written in honor of the Apollo 11 Moon landing. For 10 points each:

[H] Name this poet. In another work, this poet suggested that poems should be "motionless in time / as the moon climbs."

ANSWER: Archibald **Macleish**

[M] The aforementioned Macleish poem takes its title from this treatise on writing by Horace. This treatise is the origin of dramatic ideas such as not showing gruesome scenes on stage and beginning action "in medias res."

ANSWER: "**Ars Poetica**" [or "The **Art of Poetry**"]

[E] Macleish described the feeling of "the always coming on / The always rising of the night" in a separate poem addressed to this author, who wrote "Had we but world enough, and time" to open his poem "To His Coy Mistress."

ANSWER: Andrew **Marvell**

<Ashbrook, Poetry> [Ed. Leahy]

18. Melville Island hosted Black refugees from this conflict, some of whom would later form the Merikin community. Charles Ball and other free Blacks fought under Joshua Barney at one battle in this conflict which saw William Winder forced into retreat. The French cook John Susé (“soo-ZAY”) was helped by the slave Paul Jennings in one action during this conflict. Robert Ross led a unit of escaped slaves during this conflict’s Battle of (*) Bladensburg. The defection of slaves during this conflict was attacked in a poem written during the bombardment of Fort McHenry. Hundreds of Black militiamen fought under Andrew Jackson at the Battle of New Orleans during, for 10 points, what war that saw the burning of the White House by the British?
ANSWER: War of 1812

<Prabhakar, American History> [Ed. Nageswaran]

18. The Happy Science religious movement originated in this country. For 10 points each:

[E] Name this country home to a number of new religious movements called *shinshukyo* (“shin-shoo-kyoh”), many of which are inspired by this country’s native religion, Shintoism.

ANSWER: Japan [accept Nippon]

[M] One new movement is this millenarian cult founded by Shoko Asahara that claims that the United States will bring about a third world war ending humanity. This cult was responsible for the 1995 Tokyo subway sarin attack.

ANSWER: Aum Shinrikyo [accept Aleph]

[H] The Myochikai Kyodan movement is known for reciting this text as one of its key practices. Followers of the Nichiren (“nee-chee-ren”) school chant the Japanese name of this text, “Namu Myoho Renge Kyo.”

ANSWER: Lotus Sutra [or Saddharma Pundarika]

<Prabhakar, Religion> [Edited]

19. Until it was killed, Phaea kept one of these creatures as a pet that was supposedly the offspring of Typhon and Echidna. Toxeus and Plexippus were both killed after taking the pelt of one of these creatures, resulting in an angered Althea inadvertently killing her son. After forgetting to honor Artemis at a sacrifice, (*)

Oeneus’ kingdom was ravaged by one of these animals. Chiron gives advice on how to procure one of these animals to a figure who does so by immobilizing it in the snow. Heracles brought one of these animals to Eurystheus as part of his fourth labor. Meleager died after a hunt for one of these animals that was first wounded by Atalanta. For 10 points, the Erymanthian and Calydonian examples of what wild animals are featured in Greek mythology?

ANSWER: boars [accept pigs; accept sows; accept hogs]

<Prabhakar, Myth> [Ed. Groger]

19. The “Eve” hypothesis named after this organelle theorizes that all humans share one common female ancestor based on studies of this organelle’s maternally inherited DNA. For 10 points each:

[E] Name this organelle, whose matrix is the main site of the Krebs cycle in eukaryotes.

ANSWER: mitochondrion [or mitochondria]

[M] The mitochondrial matrix is the site of a dehydrogenase complex named for this molecule. That dehydrogenase complex converts this molecule to acetyl-CoA for use in the Krebs Cycle.

ANSWER: pyruvate [accept pyruvate dehydrogenase complex; prompt on PDC]

[H] This other process occurs in the inner mitochondrial matrix and converts fatty acids into acetyl-CoA. For long-chain fatty acids, this process occurs in peroxisomes, where its failure leads to adrenoleukodystrophy.

ANSWER: beta-oxidation [prompt on fatty acid oxidation]

<Valan, Biology> [Ed. Lei]

20. This character adopts a puppy named Tarzan that is found dead just before a storm destroys this character's house. Not long after moving to Shorthills, this character gets into conflict with a different character dubbed "W. C. Tuttle." This character publishes a series of stories titled "Escape" while working at a newspaper called *The Sentinel*. After refusing to heed warnings against being close to water, this character's father dies while trying to (*) retrieve a lost cow. This character dies shortly after his children Savi and Anand return from college. This character marries Shama after a painting job at the Hanuman House, which begins his passionate hatred for the Tulsī family. For 10 points, name this title character of a V. S. Naipaul novel who searches for a house.

ANSWER: Mr. **Biswas** [accept *A House for Mr. Biswas*; accept Mohun **Biswas**]
<Prabhakar, Long Fiction> [Ed. Leahy]

20. The women's Mau movement emerged to oppose colonial rule in this country after the Black Saturday massacre. For 10 points each:

[M] Name this Polynesian country where the Mau movement opposed New Zealand's colonial rule in the late 1920s and early 1930s. This country was colonized after German-backed rebels were defeated in the Siege of Apia.

ANSWER: Independent State of **Samoa** [accept Western **Samoa**; do NOT accept or prompt on "American Samoa"]

[E] During New Zealand's rule, over a fifth of the Samoan population died during this pandemic. During this pandemic, between 50 and 100 million people around the world died from a strain of H1N1.

ANSWER: **Spanish flu** [accept **1918 flu** pandemic or **1918 influenza** pandemic; prompt on **1918** pandemic or **influenza** or **flu**]

[H] This New Zealand prime minister, the second woman to hold the office, officially apologized to Samoa in 2002 for injustices during colonial rule. This prime minister also introduced the controversial Foreshore and Seabed Act.

ANSWER: Helen Elizabeth **Clark**
<Prabhakar, World History> [Edited]
